GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:2442
ANSWERED ON:07.08.2003
POTENTIAL OF NCES IN TAMILNADU
PALANIYAPPA GOUNDER KUMARASAMY

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the potential of Non-Conventional Energy Sources in Tamil Nadu, source-wise;

(b) the potentials exploited so far, category/source-wise; and

(c) the steps taken to exploit the available resources for generation of energy?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): A potential of around 3050 MW from wind , 340 MW from small hydro, 350 MW from biomass cogeneration, 150 MW from urban and industrial waste has been estimated in Tamilnadu. In addition, around 6 lakhs biogas plants can also be set up.

(b): The Ministry is implementing a wide range ofprogrammes based on non-conventional energy sources like solar, wind, biomass and small hydro to exploit non-conventional energy potential in the country, including Tamilnadu. Details of cumulative physical achievements under various non-conventional energy programmes as on 31-3-2003 in Tamilnadu are given in Annexure.

(c): The Government is encouraging promotion, development and utilization of non-conventional energy sources byproviding various fiscal, financial and promotional incentives including term loans and conducive renewable power policies in States for wheeling, banking, buy-back and third party sale.

Annexure

Annexure referred to in reply to part (b) of Lok Sabha Unstarred Question No.2442 for 07-08-2003 regarding Potential of NCES in Tamilnadu

Details of cumulative physical achievements under various non-conventional energy programmes as on 31-3-2003 in Tamilnadu.

S.No.	Programme in Tamilnadu	Cumulative achievements as on 31-3-2003
1.	Wind power (MW)	990
2.	Small hydro power (MW)	76.40
3.	Biomass cogeneration (MW)	106.00
4.	Biomass gasifier (MW)	2.65
5.	Energy from waste (MW)	1.98
6.	Solar power (kW)	211
7	Biogas Plant (Nos.)	203808
8.	Community/Institutional/Nigh-soil-based plant (Nos.)	289
9.	Solar Photovoltaic (Nos.)	

i. Street Lighting System 2272
ii. Home Lighting System 471
iii. Solar Lantern 12818
iv. Power plant (kWp) 26

10. Solar Photovoltaic Pump (Nos.) 760
11. Water Pumping Windmill (No.) 52
12. Small hybrid system/aerogenerator (kW) 24.5

13. Solar Cooker (Nos.) 1355
14. Battery operated vehicle (Nos.) 18
15. Energy Park (Nos.) 15
16. Integrated Rural Energy Programme (Nos. of Block) 21

MW = Megawatt,
kW = Kilowatt,
kWp = Kilowatt peak.